

CYPHERS COMPANY'S ADAPTABLE BROODING HOVER

SELF-REGULATING—SELF-VENTILATING—INSURABLE

TAKE a common goods box or packing case, one that is 3 x 3 feet by 24 inches high, or larger; remove the cover, nail two cleats opposite each other on the inside of the box at points where, when the box is turned upside down, the tops of these cleats will be seven inches above the ground, then use the cover boards of the box for the floor of this **home-made brooder case**.

Now turn the box over, bottom upward, and cut a 9 x 12 or 9 x 18-inch opening in one side or end, the lower edge of this opening to be four or five inches above the level of the floor, and then nail a strip of stout, closely woven muslin over the opening. Beside this curtained window cut a smaller opening, 4 x 6 inches in size, the lower edge to be two inches above the level of the floor, and by the use of leather hinges attach a wooden door that will entirely cover this opening with an inch lap on all sides.

Next cut a square opening, 6 x 7 inches, in the back of the brooder case, in the side or end opposite the window, and attach to case the fireproof heater section and all-metal lamp box of the **Cyphers Company Adaptable Hover**, cutting this opening at a point that will bring the connecting pipes of the heater section on a level with the pipes of the hover section when the legs of the latter stand on the floor of the brooder case.

Lastly, cover the top (formerly the bottom) of the goods box with roofing paper, or any other waterproof material, bringing this material down over the four sides of the brooder case, so it will keep out wind and rain. Then batten up any cracks or other useless openings that may let in drafts, cover the floor with an inch or so of sand or fresh loam, and you will have a 50 to 75-chick brooder that for a two-apartment "chick home" will be better, **as judged by the good work it will do**, than nine out of ten of the factory-made brooders now on sale in America or elsewhere.

This home-made brooder case can be changed to suit the wishes or convenience of the owner or operator. A piano or organ box can be used to excellent advantage, placing one of these large boxes on its side and dividing it with a partition through the middle from front to back, thus providing a hover chamber and an exercising apartment, each to have a window at the correct height above the floor. Instead of tacking the muslin over the window openings it is better to attach it to wooden frames, and either slide or button these frames in place or swing them on hinges. In northern latitudes, or for use early

in the season when the weather is quite cold, glass windows can be used. Window guards made of one-inch-mesh poultry netting tacked on frames can be used in the same manner as the muslin frames, and will serve to keep the chicks indoors when the curtain is removed and to admit fresh air as the nights grow warm later in the season.

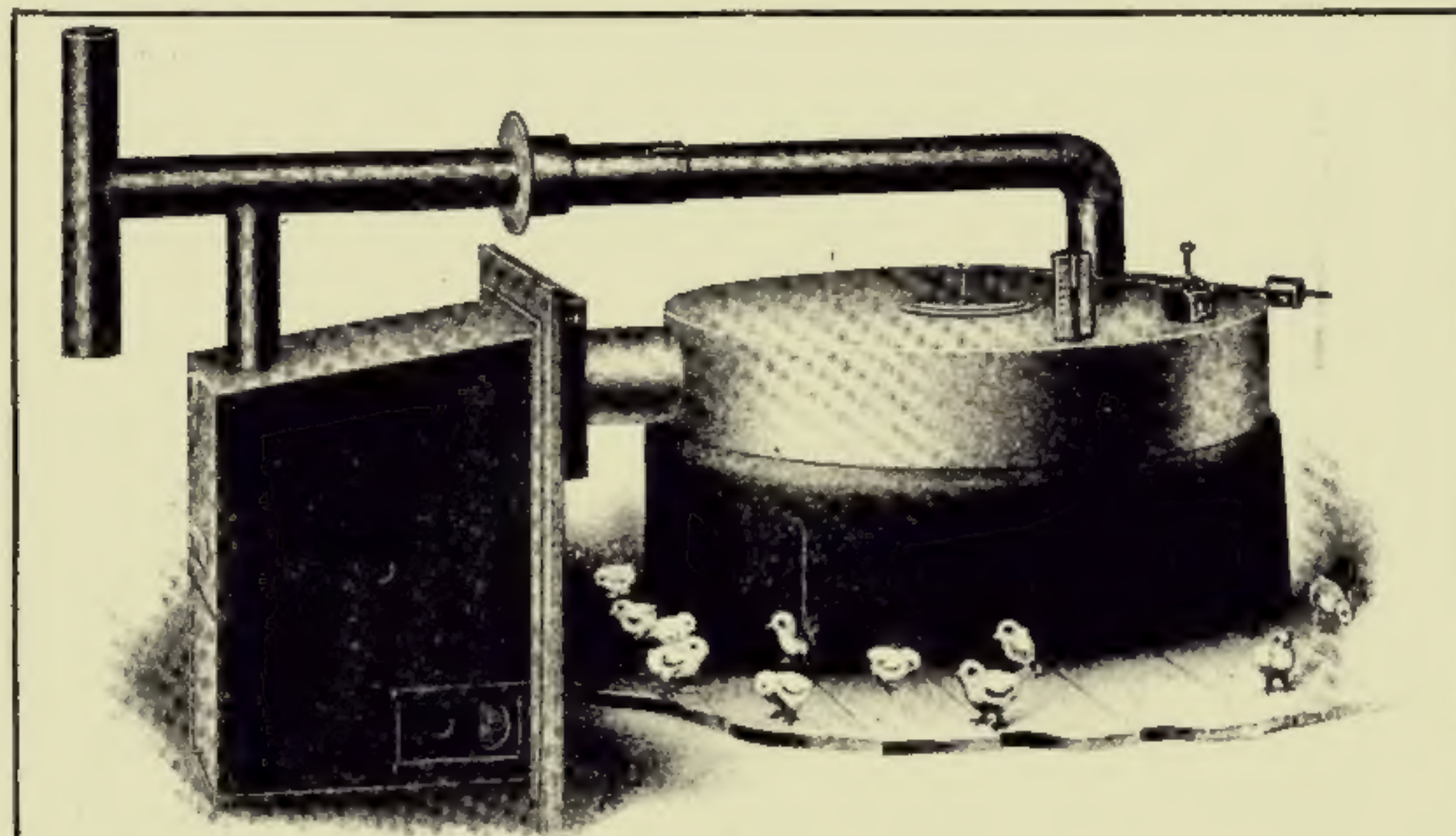
Another good idea is to locate the chick exit (the 4 x 6-inch opening) in the east end of the brooder case, treating the window-side of the case as the south side—in which direction the window should face—and then supply a covered chick-run or chick-shelter, see picture of Cyphers Company Chick Shelter on page four of this sheet. Such a runway and shelter can be made easily by any person who is handy with tools. A few boards, some one-inch-mesh poultry netting, some nails and brads and a saw and hammer are all that is needed. Old boards and some stakes to drive in the ground will almost answer the purpose—except that some kind of a simple roof is required to turn away most of the rain.

Brooder cases of any size and shape can readily be made by a man or boy who can handle a saw and hammer. Thousands of Cyphers Company customers build their own brooder cases, then equip them with Cyphers Company Adaptable Hovers, and **this combination gives them high-class, efficient, self-regulating, self-ventilating, absolutely fireproof brooders at very low cost.** These cases should not be smaller in size (for best results) than 3 x 3 feet in floor measurement by 24 inches high at the back, but they can be made as much larger as the builder may desire, giving room for one apartment only—that containing the hover—or for two apartments, the brooding chamber and an exercising apartment.

A convenient size for the exercising apartment is 3 x 3 feet. Two goods boxes can be set side by side and a connection made, thus providing the two apartments in a simple and inexpensive manner; and to the goods box that does not contain the brooding hover a chick-run or chick-shelter can be joined—then the caretaker will have a place for fifty to seventy-five small chicks that will give them all the room they need, night and day, and still keep the chicks

under complete control—contented and happy and safe from enemies of all kinds.

Please read the following sample reports—they are from men and women WHO KNOW—from successful poultry raisers who have put our claims to the test and have found the Cyphers Company Adaptable Hover to be exactly as represented.



ADAPTABLE BROODING HOVER

Cyphers Company's Complete Self-Regulating, Self-Ventilating, All-Metal, Fireproof and Insurable Brooding Hover. Used in Cyphers Outdoor and Indoor Brooders. All Sizes and Styles. Designed Specially for Use in Home-Made Brooders, also in Roosting Coops, Colony Houses, Etc.

USED IN HOME-MADE CASES

READ WHAT OUR CUSTOMERS SAY ABOUT IT

"SET OURS UP IN A DRYGOODS BOX"

VULCAN, MICH., June 25, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

Am glad to report that I am **perfectly satisfied** with your Self-Regulating Adaptable Hover. We set ours up in a drygoods box and, although the **weather was very bad** this past spring, we raised nearly all our chicks. I feel that we cannot say too much in favor of this hover. Only wish I had a half dozen of them, so I could raise a larger number of chicks. This hover being practically automatic, **both as to regulation and ventilation**, saves lots of worry by its use. There is **no danger of fire** or of the chicks freezing to death. The lamp **burns plenty of heat** and the regulator insures a **uniform temperature**. We are breeding Barred Plymouth Rocks and White Leghorns.

Sincerely, CHAS. ALBERT.

"MY CHICKS WERE WARM AND COMFORTABLE"

GREENVILLE, MO., July 1, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

Last March I built four brooders **on the same plan** as your Style C Outdoor Brooders, only I made them 36 x 72 inches, inside measurement. These brooders, equipped with your Self-Regulating Adaptable Hovers, I put right out in the snow, and although the mercury went below zero my chicks **were warm and comfortable**. I raised 106 chicks out of 109 from my first hatch and they certainly were all right. Had fine success throughout the season. I have placed as many chicks as 75 under one hover, but I think 50 is better, all things considered. I removed hovers from the brooder cases **when the chicks were about ten weeks old**, then placed roosts in the brooders and reduced the number of chicks, leaving about 35 in each 3 x 6-foot brooder.

W. A. PAYNE.

MR. GLOVER MADE HIS OWN BROODER CASES

GARISON, N. Y., June 23, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

Your Self-Regulating Adaptable Hovers, which we are using, are **simply perfect**. I purchased two of them of you last spring, **making my own brooder cases**, which are 7 feet long by 4 feet wide. This gives me two three-apartment brooders, and I can raise chicks this way to **better advantage than ever before**. On the third of May I placed in one of these brooders 69 chicks. They are **all alive now** and well out of danger. Can say truthfully that they are **better chickens** than others that were raised by hens at the same time. I expect next year to increase the number of my Cyphers Adaptable Hovers, on account of **my good success with them this season**.

EDWARD A. GLOVER.

"HOUSE MADE OF TWO PIANO BOXES"

205 West Elm Street, TRITSVILLE, PA., July 20, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

In reply to your letter of June 26th, asking me how I used my Adaptable Hover **that gave such good results**, will say I installed it in a house made of two piano boxes. We took the backs off of these boxes, then butted them together and covered the top with felt paper. The hover was attached at the rear end of the boxes. A door in front occupied one-third of the space, covered with wire netting. **On coldest nights** I hung up a piece of carpet over this wire netting. We did not have a chick **pile up or smother during the entire season**. We often had this happen with a different brooding device **that we used the year before**—in fact, we lost about twenty-five chicks from that reason alone last year. Your Self-Regulating Adaptable Hover **is all you claim for it and more, too**. I do not think a poultryman can do better than to use this brooding device. That has been my experience and I am recommending your Adaptable Hover **to friends and acquaintances**.

WM. F. QUINN.

MRS. BURBANK USED DRYGOODS BOXES

ALFRED, MAINE, August 27, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

Last March I bought two of your Adaptable Brooding Hovers and used them in brooders **made out of drygoods boxes three feet square**. To this brooding apartment I attached another goods box that had no floor, so the chicks could get from one apartment to the other and **exercise on sand and gravel**. Had small windows in each goods box, thus giving the chicks plenty of light. My first chicks hatched out in March, and when they were about a day old I put them under the hovers. Had about 75 chicks in each hover and will say **they are the best hovers I ever saw**. At first I felt anxious about them during the night, as we had some **very cold, windy weather**, but after a few nights of watching I felt at ease about them, as I always found the chicks warm and they were bright and happy every morning. The thermometer on this hover registered **just what it should on all occasions**. Next spring I shall purchase more of these hovers, **as I would not use any other make**.

MRS. L. T. BURBANK.

"GOODS BOXES AND HOME-MADE CASES"

WAYNE, NEB., June 28, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

After using your Automatic Adaptable Hover, and thoroughly testing it, I find they are **just as represented** in your catalogue. Have installed them in goods boxes and home-made brooder cases—these cases being similar to your Style B Outdoor Colony Brooder. I place fifty chicks under each hover and they are left with the hover **until six weeks old**. I strongly advise the use of these Adaptable Hovers to fellow poultrymen. On account of their superior construction **they will last for years**. In my opinion this is the best device on the market for brooding chicks successfully outdoors.

LEROEY OWEN.

"I AM A BOY ONLY THIRTEEN YEARS OLD"

WILLIAMSBURG, IND., July 7, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

I have used your Adaptable Hover with good success, installed in a goods box, 3 x 4½ feet, with **another box attached for a run or exercising room**. The heat regulator I consider perfect, also the ventilating system. I place about sixty chicks in this home-made brooder, equipped with your Self-Regulating, Self-Ventilating, Fireproof Adaptable Hover, and they are not removed until about seven weeks of age. Maybe you would like to know that I am a boy only thirteen years old, **attend school in the winter time**, and could not use a hover that was less dependable. It is real fun to raise chicks by artificial means by the use of the Cyphers Adaptable Hover—at least **that has been my experience**.

BYRON CRANOR.

"ABLE TO RAISE NEARLY ALL THE CHICKS"

KRAKOW, MO., June 29, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

We bought two of your Self-Regulating, All-Metal Adaptable Hovers this past spring and put them in colony coops, 3 x 6 feet in size, **where they have done excellent work**. We have been able to raise nearly all the chicks entrusted to these hovers, doing so **with less trouble than with hens**. From our first hatch we put 55 chicks in one Adaptable and from our second hatch 65 chicks, and we **raised practically all of them**. We keep our chicks under the hovers until they are four weeks old or older and then put them in larger houses to make room for the next hatch. There are but few brooders used in this locality, and we certainly shall recommend the Cyphers **to anyone wanting a reliable brooding device**.

HENRY BAUMKER.

"KEEPING UP AND CONTROLLING THE HEAT"

GRANVILLE, N. H., July 7, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

I am using Cyphers Incubators and Brooders **with the best of success**. This season I hatched over 500 chicks, all of them in Cyphers machines, and brooded them in your Self-Regulating Adaptable Hovers, with **very little loss**. My hovers were installed in home-made brooders that are somewhat larger than the regular Cyphers Brooders, **but patterned after them**. I find no trouble in **keeping up and controlling the heat**. I run seventy chicks through a hover and keep them there until they are four weeks old. Have found no other way equal to this one for brooding chicks with the **minimum work and losses**.

HENRY A. BURNS.

HAD EXCELLENT RESULTS WITH HOME-MADE CASES

EAST HAMPTON, L. I., N. Y., March 11, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

I want to tell you how nicely the Adaptable Hover works that I got of you a short time since. I installed it in a home-made brooder coop, 3 x 6 feet, putting a partition through the center, thus giving me two apartments, and **had excellent results with it**. I do not find it necessary to watch the chicks and put them back under the hover to keep them from getting chilled, because the **convenience and comfort of this hover** are such that they go under themselves without any help. A strong feature of this hover is the **constant supply of fresh air**. I believe this to be of great value in an automatic brooding hover. Shall arrange to use two more of these self-regulating hovers as soon as I can get ready to install them. All my chicks are fed on Cyphers Company Poultry Foods, and my neighbors are jealous that I should have **such a lot of strong, early chicks**. Am using your full line of foods, including Alfalfa, and believe that has much to do with my uniform success in raising the chicks.

GEO. LISBURG.

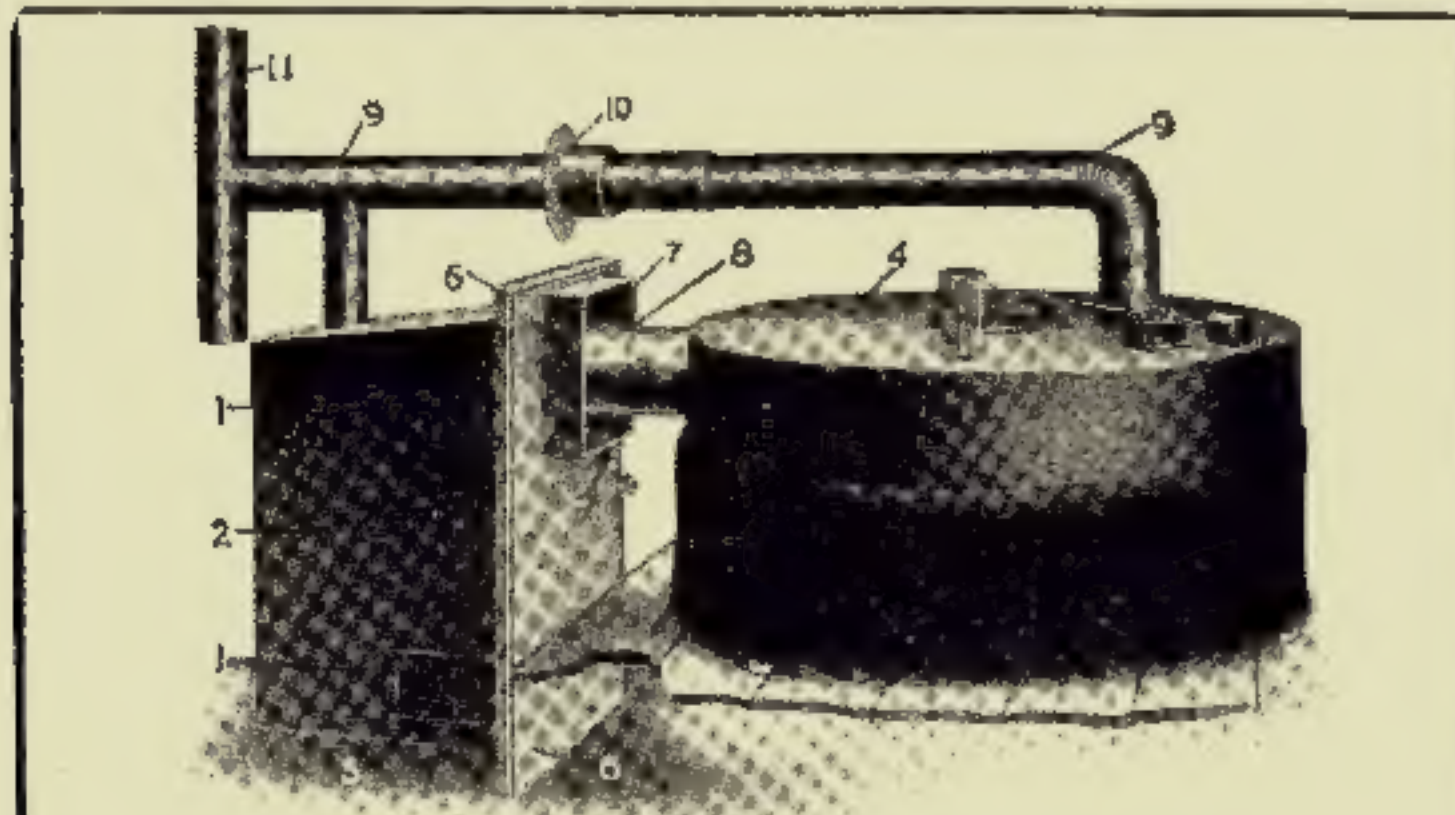
"I MAKE MY OWN BROODER BOXES"

PENDLETON, ORE., July 1, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

I want to say something also about your Adaptable Hovers. They **simply cannot be beat**. I am using several of them and make a practice of placing 100 chicks under each hover for the **first three weeks**. I make my own brooder boxes, and in this climate can put the chicks outdoors, starting with the first hatch and continuing to the end of the season. I use Cyphers Company goods **from toe-punch to incubators**, doing so because experience has taught me that there is no other line on the market **that is one-third as good**.

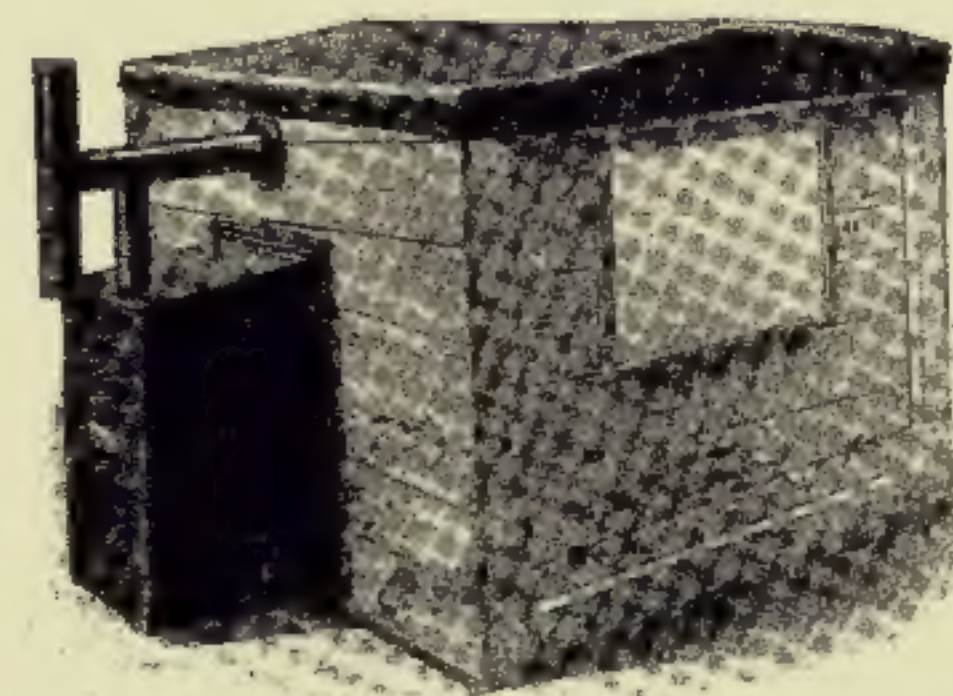
ALBERT P. PIERCE.



CYPHERS COMPANY'S ADAPTABLE HOVER (Quartering View)

Fireproof—Insurable—Can Be Used Anywhere.

1—Heater Compartment. 2—Inlet to Fresh-Air Chamber. 3—Outer Pipe of Fresh-Air Flue. 4—Asbestos-Lined Metal Brooding Hover. 5—Air Inlet to Lamp Chamber. 6—Cell-Board Asbestos, Metal-Covered Backing that Separates Heater from Woodwork of Brooder Case. 7—Metal Flange that Separates Direct Heat Pipe from Woodwork of Brooder Case or Brooding House Partition. 8—Outer Pipe that Encloses Direct Heat Flue from Lamp to Radiator. 9—Waste Heat and Fume Pipe. 10—Insulating Collar at Point Where Waste Pipe Passes Through Brooder Case or Partition. 11—T-Wind-Break and Fume Exit.



LOW-COST HOME-MADE BROODER

Showing How a Common Goods Box of a Size Easily Obtained Can Readily Be Converted Into a Serviceable, Well-Lighted, Safe and Comfortable Outdoor (or Indoor) Brooder. By the Use of the Cyphers Adaptable Hover. To Make This Home-Made Brooder Still More Serviceable, Set Another Goods Box Alongside of It, to the Left (a Box One-Third Lower Than This One Will Answer the Purpose Just As Well), and Connect the Two With a 4x6-Inch Opening. Then Allow the Chicks to Use the New Apartment As an Exercising Room. Still Later Add a Covered and Enclosed Chick Run-Way, if Desired (See Page Four of This Circular). So That Your Chicks Will Be Under Control at All Times, While Young, and Will Be Safe from Rats, Cats, Hawks, Etc.

THE VALUE OF SELF-REGULATION

LET US suppose, Reader, that you own 50 to 75 valuable chicks that you wish to raise by artificial means, and that you place them in a brooder that is **not self-regulating**. When you go to the brooder the last time at night you **carefully adjust** the lamp flame so that it will supply a temperature of 90 to 95 degrees under the hover, **provided** the room temperature or outdoor temperature **does not fall** more than 10 to 15 degrees. But suppose that during the night there is a sudden change in the weather, **which often occurs in the spring of the year**, and there is a drop in temperature of 20 to 30 degrees **within a few hours**—what will be the effect on the chicks? **Just this:** At first they will huddle in the warmest place they can find; then as they grow colder they will crowd and "mass up," some crawling under and over the others, thus trampling and smothering the smaller and weaker ones; then, if relief does not come soon to their aid, the whole lot will "chill"—and little chicks that have been chilled are quite certain to develop bowel trouble and become stunted or die outright.

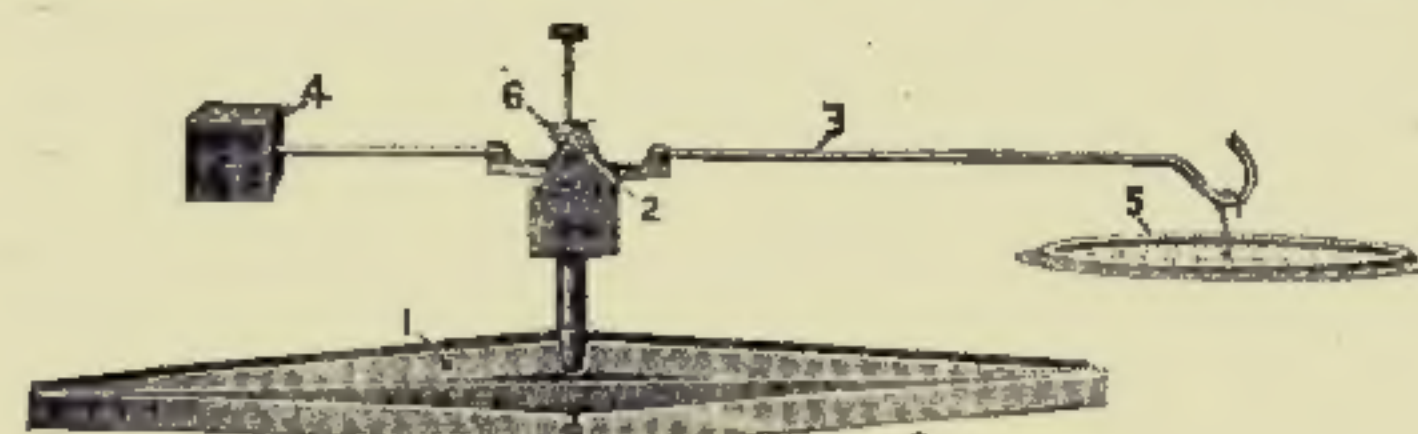
This is not an exaggerated picture: Hundreds of thousands of valuable chicks are being killed or stunted every year in exactly this manner.

On the other hand, let us suppose that you own a **self-regulating** brooder or brooding hover—what then? In this case, on your last visit to the chicks each day or evening, you will take the precaution to turn the lamp flame high enough so that it will produce 20 to 40 degrees **more heat** than is needed under the hover to supply the 90 to 95 degrees **required** for the comfort and health of the chicks.

But this "surplus heat" is not forced under the hover to **remain there and over-heat the chicks**, which is almost as injurious as it is to chill them. On the contrary, the

regulating damper remains **open** as long as more heat is being generated than is needed to maintain the correct temperature underneath the hover, and this surplus heat is discharged **inside** the brooder case and, therefore, is not wasted; but as the outside temperature drops, and the space under the hover **begins to cool down** below the right temperature for the chicks, the regulator damper gradually closes, thus confining **more and more of the surplus heat beneath the hover** for the use and protection of the chicks. **By this means any natural change in outside temperature can be guarded against without injury to the chicks.**

The question that should interest you, Reader, is this: Why do chicks thrive so well—live and grow so rapidly in brooders, both factory-made and home-made, **that are equipped with the Cyphers Company Adaptable Hover?** Please keep this question in mind as you read the sample reports published herewith.



CYPHERS BROODER REGULATOR

Complete Standard Regulating Device Used on Cyphers Company's Adaptable Hover and in Cyphers Indoor and Outdoor Oil-Heated Brooders, All Sizes. Same Thermostat Exactly is Used in Full Line of Cyphers Incubators. 1—Zinc and Steel Double-Action Thermostat. 2—Seat of Knife-Edge Bearing. 3—Regulator Arm. 4—Counterpoise Weight. 5—Regulator Disc. 6—Adjustable Nut.

"THIS HOVER SURELY DID FINE WORK FOR ME"

NEW MADISON, OHIO, June 25, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

I have used your Adaptable Hover with good success and have **taken pleasure in recommending same** to interested parties who have visited my plant. Last March I bought one of these hovers and placed it in a colony house. My first March hatch was 79 chicks. I put them under the hover and they did fine right from the start, **in spite of cold, changeable weather**. The second hatch was 81 chicks, and I raised them also in this hover. The third hatch was 88 chicks, and they were raised in my Adaptable Hover. This hover surely did fine work for me! I mean the chickens when they are three weeks old. I expect to buy another Self-Regulating Adaptable Hover of you next spring, so that my little chicks will have more room. **It does not pay to crowd them.** I raise Barred Plymouth Rocks and Golden Laced Wyandottes. Have had good success also with my Cyphers Incubator.

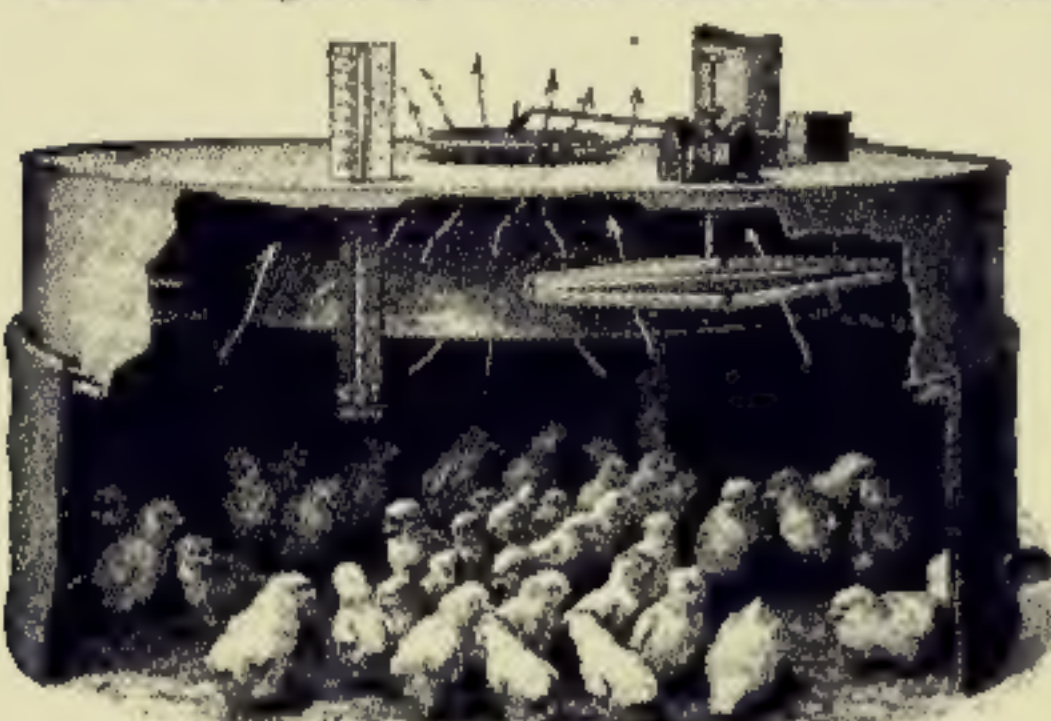
LOUISA HORINE.

"EASY TO REGULATE—RAISED OVER 1,000 CHICKS"

ALGONQUIN, ILL., June 28, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

I bought three Adaptable Brooding Hovers from you this spring and would not again try to raise chicks without them. They are easy to regulate and keep an even temperature, **which chicks surely need**. I had 160 chicks in a coop 14 x 16 feet and the outside temperature went down below zero in February, but they were as happy a lot of chicks, thanks to these Cyphers Adaptable Hovers, as if it had been eighty degrees in the shade. I raised over one thousand chicks this season and a very small per cent. died. You can count me as a strong "booster" for the Cyphers Self-Regulating Adaptable Hovers. They are all you claim for them. When I need more hovers they certainly will be the Cyphers Adaptable. CHAS. C. NASON.



REGULATION IS AUTOMATIC

Sectional View Showing How Surplus Heat is Forced Out of Hover, Automatically, when Temperature Rises to Required Point. Surplus Heat is Discharged into Brooder Apartment in Which Hover is Located, Thus Conserving the Heat for Use of Chicks. Notice that in This Advanced Type of Brooding Hover There is No Central Heat Drum Reaching Down to the Floor; Therefore the Chicks Have Use of Entire Space Under the Hover and There is No Central Heat Drum for Them to Crowd Against.

They are easy to regulate and keep an even temperature, which chicks surely need. I had 160 chicks in a coop 14 x 16 feet and the outside temperature went down below zero in February, but they were as happy a lot of chicks, thanks to these Cyphers Adaptable Hovers, as if it had been eighty degrees in the shade. I raised over one thousand chicks this season and a very small per cent. died. You can count me as a strong "booster" for the Cyphers Self-Regulating Adaptable Hovers. They are all you claim for them. When I need more hovers they certainly will be the Cyphers Adaptable. CHAS. C. NASON.

"HEAT IS SO EASILY REGULATED"

R. F. D. 1, LOS ANGELES, CAL., July 25, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

We also used and **find much pleasure in recommending** your Adaptable Hovers. We have used them both spring and fall for two years and **seldom lose a chick in them**. Many people visit our ranch in the course of a year and to all we have spoken a good word for this hover. The heat is **so easily regulated and controlled** that it is a delight to run it, spring or fall, summer or winter. When the regulator is properly adjusted, this hover certainly does away with one's having to arise at any hour of the night to make sure that the chicks are **not being chilled or roasted to death**. The past season we brooded several dozen young White Holland Turkeys under one of these hovers with quite satisfactory results.

MRS. W. D. ROOT.

"THE EXACTING CONDITIONS OF CHANGEABLE WEATHER"

R. D. 1, HOMER, N. Y., June 17, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

My Adaptable Hover arrived O. K. and I have found that **it works fine**. I used it in a 3 x 8-foot Colony House. This house is built so that I can feed the chicks by your deep-litter method, **which I think is the only way**. I put about seventy-five chicks in this brooder house and they did fine from the start. The Cyphers Adaptable Hover is self-ventilating, and the regulation of the temperature by automatic means **is certainly remarkable**. Have found that this hover meets the exacting conditions of the most changeable weather **better than any other brooding device** I have seen. I would say to anyone who may be in doubt as to what make of hover to use, "By all means get the Cyphers."

HAROLD E. PERRY.

"I WOULD NOT BE WILLING TO PAY FREIGHT"

FERRY HOUSE FARM, MANAHEWEN, N. J., July 18, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

You ask, "How do I manage my Adaptable Hovers?" My husband builds eight-foot long boxes, covered with tar paper, then painted. There is a **partition through the center** and an incline for the chicks to run down from the platform where the hover is to the ground or litter in the other half of the brooder **where the chicks exercise**. There is a small glass window in each apartment. We put into each brooder 60 to 75 chicks when first hatched. I am a poor letter writer and you must accept this report **in the spirit it is meant**. I only wish I could reach every man and woman in the chicken business and about "Use Cyphers Adaptable Hovers" to them—or, better still, your complete outfit. Isn't there some way that you can put out of the market some of the rattle-trap, fire-trap brooders that are **sold to unsuspecting people?** I would not be willing to pay freight on one of these that I have here. I rented it from a neighbor who went out of the chicken business because he could not raise chickens in a brooder! I wouldn't think he could. Such a brooder is enough to make any one sick of the chicken business. Your Adaptable Hovers **stop all this trouble** and if my neighbor had bought one of them he probably would still be raising chickens, **both for money and the pleasure there is in it**.

MRS. ALBERT GUBSER.

"USED IT IN HOME-MADE BROODER CASE"

FORT BRAGG, CAL., August 10, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

Enclosed find picture of a home-made brooder case, equipped with one of your Self-Regulating, Self-Ventilating, Adaptable Hovers. Will state that this brooding device **fully came up to my expectations** and I am perfectly satisfied with it. In this "metal mother" I raised about three hundred little chicks this past spring, **practically without any loss**. In the picture there are about 85 to 90 Rhode Island Reds and White Minorcas, running together. They are "Cyphers Hover Chicks" and I am only too glad to show or inform anyone of the good qualities of your Adaptable Hovers and to explain **why they are the best**. This past season I saw some hovers in use here that were not of your make and they are **not giving as good results**.

WM. MARBURGER.

"ASSISTED GREATLY IN CONTROLLING THE TEMPERATURE"

TAPPAN, N. Y., June 25, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

Early this past spring we purchased two of your Self-Regulating Adaptable Hovers and think them **as near perfect as can be made**. We expect to get at least three more for next spring. Our losses of chicks entrusted to these hovers are small, indeed, **and the chicks grow fine**. Our chicks under the Adaptable Hovers were **never crowded, overheated or chilled in the slightest degree**. The regulator assisted greatly in controlling the temperature. We had no trouble in **keeping the heat at the degree wanted**, as the automatic regulating device took care of it in fine style. Cyphers Hovers hereafter for me! This season I hatched 220 chicks with hens and only raised 46. You may be sure **this will be our last year with hens**. I fed my chicks by the Cyphers Company "deep-litter method," and they certainly do fine this year.

CHAS. E. AHRENS.

"COULD NOT ASK FOR BETTER METHOD"

5858 Waveland Ave., CHICAGO, ILL., August 26, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

After using several different makes of inferior brooding devices we decided to try the Cyphers Adaptable Hovers and we have found them **best adapted to brood chicks in**. We have placed as many as 75 chicks in an Adaptable Hover and left them in it nearly two months. Seventy-five chicks were a little crowded as they grew older, **but no bad results were noticed**. We used these Hovers in home-constructed colony-type outdoor brooders **exactly like your standard types**, as recommended in your booklet, "Best Methods of Brooding," only ours are one foot longer and both doors are double doors—one screen and one glass to each door. We could not ask for a better method of brooding chicks. Have had fine success and **especially like the self-regulating and self-ventilating features** of these automatic brooding hovers.

WAVELAND POULTRY YARDS,

J. H. Watson,

Breeder of Mottled Anconas and Barred Plymouth Rocks.

THE VALUE OF SELF-VENTILATION

TRAPPED or "dead air" is something that absolutely must be avoided in a brooding hover, or the device will prove to be a **death-trap** for the healthiest of chicks. The problem is this: How to furnish the sleeping chicks with **an ample and continuous supply of fresh, pure warmed air underneath the hover**, especially at night, without a direct circulation that will result in drafts, colds, diarrhoea, etc. "Warmed air," in this case, can come only from the lamp or radiating chamber, and there must be positive **protection** against two things:—First, against the passage of lamp fumes and gases to the space **underneath the hover** where the chicks are sleeping; second, the device must be so constructed and safeguarded that the lamp flame cannot blow out or "suck out," no matter how strong or "gusty" the wind may be. And it is during windy, stormy nights and blizzard weather conditions that a truly "dependable" brooder or brooding device **is most needed**.

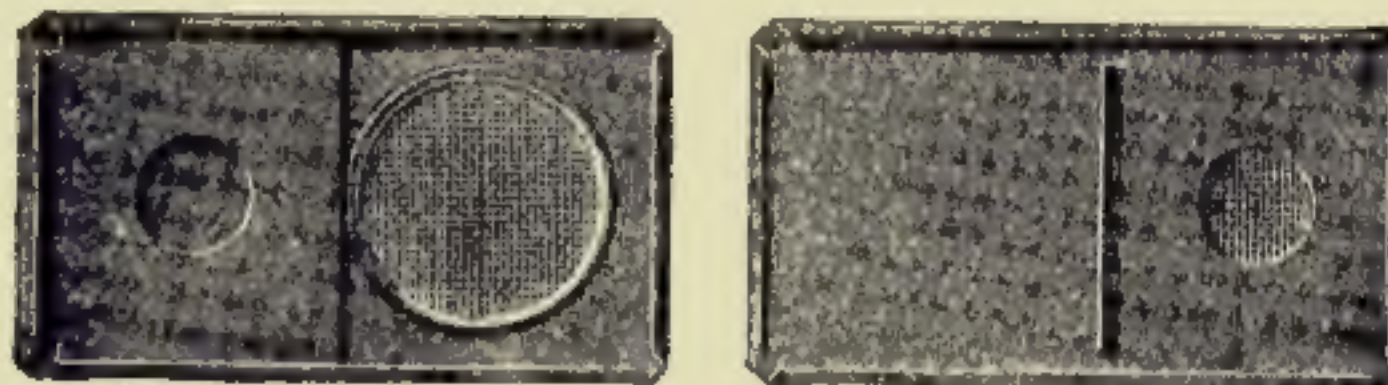
By "trapped" or "dead air" is meant a volume of air above and around the heads of the chicks that **does not change**, that is not freshened or renewed by some **proper means of ventilation**. In a large majority of the low-priced, wrongly constructed brooders offered to poultrymen, the breath of the chicks is "trapped" in the close, ill-ventilated space in which they sleep, and this **vitiating air** is fatal to little chicks, the same as it would be to babes. This is the **direct cause** of many chicks weakening and dying—despite the fact that the owner of such a brooding device works faithfully to save and raise them.

For best results in raising **strong, healthy chicks** be sure to avoid the use of brooders or brooding hovers that are warmed by means of **central heat domes**—by a metal dome of any kind that occupies space underneath the hover on the **floor of the brooder** or other enclosure. This central dome not only takes up valuable room, but **is sure to be hot**, especially in cold weather or on cool nights, and the chicks are certain to **crowd close to this dome**, and thus will trample and smother the smaller, weaker ones. Furthermore, these

central-dome or center-heat brooding hovers cannot be properly ventilated without the creation of **direct drafts**, which are even more fatal to little chicks than is trapped or dead air.

The **Cyphers Company Adaptable Hover** is positively self-ventilating—**absolutely so**. Fresh air is drawn into the upper half of the heater section, is there warmed and then is forced under the hover above the heads of the chicks, and must gradually find its way

out, either through the slits in the curtain or through the circular opening in the top of the asbestos-lined, metal hover when the regulator damper (or disc) is open or partly open. **The principle is exactly like that of a hot-air furnace** in a residence—fresh, outdoor air is taken into the radiating chamber, there passes over the heated surfaces and then is carried through pipes into the living and sleeping rooms. By this system the space underneath the hover is **certain to receive**, day and night, a constant, continuous supply of fresh, moderately warmed air—air that mingles with the radiated air above the backs of the chicks, and at that point **becomes part of the ninety-degree temperature** which insures the comfort and health of the chicks.



WINTER AND SUMMER INLETS

Showing Different-Sized Air Inlets to Lamp Chamber for Winter and Summer Use. Lamp Requires Greater Air Supply as Warm Weather Comes On. Slide is Closed Over Large-Screened Opening in Winter-Time Out of Doors, and is Opened Part Way or Wholly During Warm Weather or When Adaptable Brooding Hover is Used Indoors. A Simple Device, But Essential to Successful Operation.

insures the comfort and health of the chicks.

"PLENTY OF HEAT, ALSO PLENTY OF WARM, FRESH AIR"

GREAT HILLS, STATEN ISLAND, N. Y., July 13, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

I bought of your firm a Cyphers Adaptable Hover for my downstairs apartment of the chicken house. Through having this hover and my two brooders **I raised eight hundred birds this past spring**. I am so well pleased with the Adaptable Hover that I always show it to my customers and friends. I could not get along without it now. You never saw **healthier looking birds than mine**. The little chicks are so strong that as soon as I take them from the incubator they start to scratch for feed. With the Cyphers Adaptable Hover I have now I am going to start early next winter, so as to get early broilers. I know that these hovers will work just as well in the winter time **as they do in early spring**. They are roomy, give the chicks plenty of heat, **also plenty of warm, fresh air**. The fact that little chicks need uniform heat and fresh air at all times, especially when underneath the hover at night, is proved by the fine success I have had in using your Adaptable Hover.

MRS. CHAS. SORGE.

"THE SUPPLY OF FRESH AIR UNDERNEATH HOVERS"

MORGANFIELD, KY., July 25, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

As you know, we equipped our new brooder house with your Adaptable Hovers and have found that they, too, **give perfect satisfaction**. The point that particularly pleased us was that **their construction is such** that we had not one single case of suffocation from crowding among some five thousand (5,000) chicks that we put through these hovers. As a rule **not enough attention** is paid by the operators of brooding devices to the question of a supply of fresh air underneath the hovers **where the chicks sleep at night**. We were attracted by the automatic ventilating system of your Adaptable Hovers and find that they are all you claim them to be **in this important respect**. We shall increase our brooding capacity next season and you may look for our order for more of your Self-Regulating Adaptable Hovers as soon as we are ready to install them. We have seventy acres devoted exclusively to White Plymouth Rocks. CHALYBEATE HILLS POULTRY FARM, R. L. Lugenbuhl.

"THIRD YEAR WITH YOUR ADAPTABLE HOVERS"

BIRMINGHAM, ALA., July 26, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

This is our third year with your Adaptable Hovers and **if anything we are better pleased with them than ever**. The chicks do **not crowd** in these hovers and they grow better than in any other brooding device we have ever tried. We believe this is largely on account of the **fresh air they get at all times** and the uniformity of the temperature. Where chicks are comfortable and contented **they do well and grow well**. We give credit also to your Balanced-Ration Poultry Foods. Have found them invariably made up of clean, fresh grains, and the chicks not only eat your food with a relish, but they eat it up "clean," there being no waste. HALSTEAD POULTRY YARDS, Dr. Hal. F. Halstead, Prop.

"BELOW ZERO, BUT THE CHICKS ARE HEALTHY AND HAPPY"

LEBANON, KAN., January 23, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

I also find your Self-Regulating and Self-Ventilating Adaptable Hover to be a wonder when it comes to **raising chicks in cold weather**. Recently the thermometer here has registered as low as twenty-two degrees below zero, but **the chicks are healthy and happy** in the colony house in which we have installed this hover. Many local poultrymen who have seen our Adaptable Hover working have **marveled at its simplicity**. It keeps them warm and also **supplies them with fresh air**, doing both automatically. I am sure that if all poultry raisers knew how easy it is to rear early chicks by this method **they would obtain these hovers** and there would be a wonderful increase in their volume of business. I place my feed in the deep litter in the morning, scraping it under well and that answers for all day. The youngsters put in their time alternating between scratching for the grains and getting under your **simple, metal, liceless and miteless** foster-mother for a rapid growth.

W. H. WRIGHT.

"AUTOMATICALLY SUPPLY FRESH AIR TO CHICKS"

SMYRNA, N. Y., August 20, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

We purchased a No. 3 Incubator and five Adaptable Hovers of you last spring and **both have given excellent satisfaction**. I enclose photograph of a hatch of 166 **big, husky chicks** from 189 eggs left in the machine. The incubator is easily operated, the temperature not varying a degree, and it certainly **takes care of the "moisture question" automatically**. We use the Adaptable Hovers in colony houses, 6 x 8 foot floor space, putting sixty chicks to the hover, and **never have lost more than three chicks from any lot**. Your Adaptable Hovers are more than you claim for them. They hold their own temperature in changing weather and **automatically supply fresh air to the chicks**, which is a point of great value at night, when chicks are asleep and **have to breathe the air furnished them**. I would not want to again try to raise chicks without your Adaptable Hovers. IVAN F. CLOE, Breeder of S. C. White Leghorns.

"THESE PRACTICALLY AUTOMATIC BROODING DEVICES"

R. R. 7, GREEN BAY, WIS., October 27, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

In April I ordered one of your Adaptable Hovers—the **self-regulating and self-ventilating kind**—which I installed in a colony house. I placed in it 51 chicks and **raised all of them** and never had a brood of chicks do so well. Must say it is the best brooding device I have ever used. Will order more of your Adaptable Hovers next spring. I breed S. C. White Leghorns and R. C. Rhode Island Reds of choice quality and have no hesitancy in trusting them to these **practically automatic brooding devices**. J. O. JACOBSEN.

"WE LIKE THE FRESH AIR FEATURE, BY AUTOMATIC ACTION"

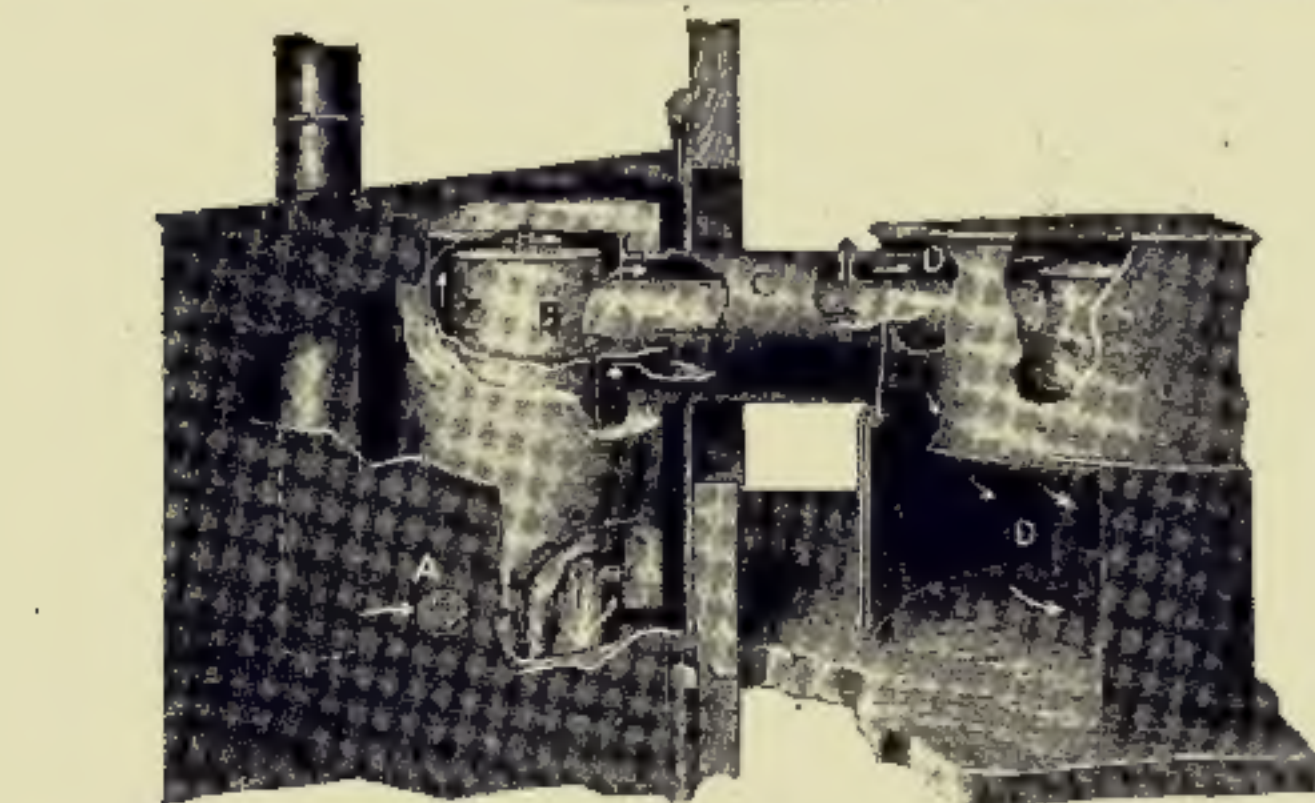
PLATO CENTER, June 29, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

This season we tested your Adaptable Hovers **in comparison with a few hens**, used for experimental work, and your hovers are so far ahead of the hen that **the hens are simply outclassed**. They require less care than the hen and will warm the chicks whenever they go under the curtain, while the old hen, to a certain extent at least, will use her own judgment **as to when the chicks ought to be warmed**. We haven't the exact figures at hand, but are confident that we raised more than eighty-five per cent. of the **January and February hatched chicks**, while those given to hens at about the same time gave up the ghost to the extent of more than fifty per cent. We like the fresh air feature, by automatic action, very much indeed. Our experience this season with your self-ventilating hovers leads us to believe that poor brooding, meaning **insufficient heat and bad air**, is the cause of most diarrhoea among chicks, but this is overcome when Adaptable Hovers are used.

MUIREHEAD BROS., per G. F. Muirhead.

Breeders of S. C. White Orpingtons.



VENTILATION IS AUTOMATIC

Sectional View Which Shows How Warmed, Fresh Outside Air is Conducted to Space Underneath Hover by Forced Draft Between Walls of Double-Dome Heater, Without Possibility of Lamp Blowing Out if Door is Open to Brooder Case or Poultry House in Which Adaptable Hover is Used. There is No Passage-Way for Air from Interior of Brooder Case or Poultry House to the Lamp Chamber. On the Other Hand, There is No Possible Way for Fumes or Gases from the Lamp or Lamp Chamber to Gain Access to the Brooding Space or Brooder Case Where the Chicks Are. As Will Be Noted by the Arrows, the Outer Fresh Air Enters Upper Half of Heater Section (Above Lamp Chamber) Through the Screened Opening (a) and Passes Into Space (b) Between Walls of Double Dome, Thence Through Space (c) and Underneath the Hover (d).

ALL-METAL-FIRE-PROOF-INSURABLE

WE should remember that the "brooder" we are talking about—that we are to properly heat and correctly ventilate, is to be a "home" for little chicks just hatched. These chicks are mere "babes," without covering to keep them warm. They are entirely dependent on the care you give them; their lives depend on the quarters in which you place them. To raise chickens with success and profit—doing so without the aid of hens—requires the use of a well lighted, uniformly heated and well ventilated apartment or enclosure, where the chicks can be comfortable and safe, day and night—a place to which they can go to get warm—where they will have pure, fresh air—where they can not chill and will not crowd or trample one another.

The heater and hover of a properly constructed and reliable brooder are its "heart and lungs." To make sure of having these vital parts act as they should—that is about all there is to successful brooding by artificial means; provided the enclosure or brooder case is roomy enough, is well lighted and is safe at night against the four-footed enemies of little chicks.

But, for best results, the heater, in fact the entire brooding device, must be substantially built and should be safe from fire. Every season many thousands of valuable chicks are burned up in cheap, flimsy, wrongly constructed fire-trap brooders that are sold at "give-away" prices—prices so low that any thinking person should know beforehand that he will get no more than he pays for.

These dangerous devices are little else than cracker boxes with an inverted tin can for a "heat dome," and this dome is warmed by a soldered bowl, or glass lamp, equipped with the cheapest of burners, practically a "five-and-ten-cent-store" affair, that is located inside or underneath the inflammable wooden box—and the unscrupulous manufacturers further degrade themselves by claiming that these "fake" brooders will hold—will properly care for—200, 300 and even 400 chicks in single flocks. You may think that we exaggerate, but we do not. Many readers of these lines who have been "bitten" by the purchase of these "bargain-counter" brooders know that we are telling the plain truth—they have found out, to their loss and sorrow.

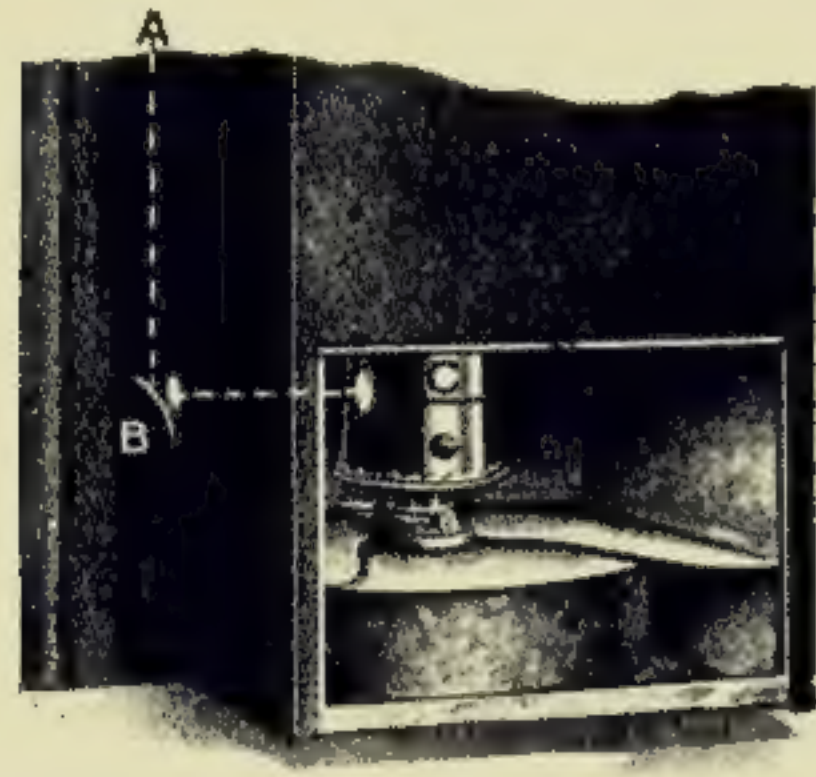
"THIS COUNTRY AND THIS TIME OF YEAR"

ROSCOMMON, MICH., April 9, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

For the past four weeks I have had 482 chickens under your Adaptable Hovers, located in outdoor brooders. These chicks have been fed according to your system and I have lost only one, including one cripple. That is "going some" for this country and at this time of the year. Enclosed find check for which please ship me one No. 2 Standard Cyphers Incubator, four of your All-Metal, Self-Regulating Hovers and one Practical Egg Tester. I will say right here that the No. 1 Standard Cyphers I received earlier in the season needs no watching—it would be simply a waste of time to bother looking at it, because it always registers 103 degrees, and your Self-Regulating Adaptable Hovers are equally reliable.

W. M. P. O'BRIEN.



HOVER LAMP CHAMBER

Shows Lamp Chamber of Heater Compartment With Sliding Gravity Door Pushed Upward Between Double Metal Walls, and Illustrates Convenient Use of Mirror Attachment in Viewing and Adjusting Lamp Flame in Fireproof Heater Compartment, Without Opening Door to Lamp Chamber. Standing Erect and Looking Downward From Point (a) to Mirror (b) the Flame Can Easily be Seen Reflected on Mirror from Opening (c) in Chimney.

"PURCHASED 150 DAY-OLD CHICKS LAST MARCH"

135 Prospect Ave.,
REVERE, MASS.,
July 17, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

My experience with the Cyphers Adaptable Hover has proved very satisfactory. I purchased 150 day-old chicks last March, put them in this hover and they thrived and grew rapidly, right from the start. I am glad to recommend the Cyphers Adaptable Hover to all my friends who want a first-class, all-metal, fireproof, self-regulating brooding device that will do the work claimed for it.

GUIDO GALLI.

"THE FIRE-PROOF, INSURABLE FEATURE"

BIRMINGHAM, ALA., August 19, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

It is with pleasure that we testify to the excellent results obtained by the use of your All-Metal, Insurable Adaptable Hovers. Our new brooder house is equipped with eight of these hovers and we have had a smaller percentage of loss since using them than by any other method of brooding. We like the fireproof, insurable feature of these hovers, because far too many poultrymen have lost their buildings or brooders and chicks by the use of fire-trap devices that got into trouble and then made serious trouble for the owners. The great majority of our prize winners, as well as the chicks from our best hens this season have been hatched in your incubators and raised under these Adaptable Hovers.

SUNNY BROOK FARM, W. F. Fry, Manager.

"I DID NOT LOSE ONE CHICK"

EASTON, PA., September 9, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

I am especially pleased with my Adaptable Hovers. Three years ago a neighbor of mine bought one of these hovers and put it in a home-made brooder. His success with it was so great that I made up my mind to get one, and I did. I made a nice double-walled brooder and installed one of your Self-Regulating, Fireproof Hovers in it, and the results were so good that I bought another that same season. From four hatches of chicks, about 130 in all, I did not lose one chick, which I can prove by my neighbors. I am more than pleased with this hover and think that losses of chicks will be a thing of the past where your Adaptable Hovers are used. With proper care this hover is certainly a wonder. I raise S. C. White Leghorns and Silver Laced Wyandottes.

JOS. M. BUERLEN.

FOR FEBRUARY, MARCH AND APRIL CHICKS

R. R. 2, CUBA, MO., July 2, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

I cannot speak too well of your all-metal brood mothers, known as the Cyphers Adaptable Hovers. Certainly they cannot be beat. I have tried other makes, but the Cyphers Adaptable Hover is in a class by itself. I placed 104 chicks under an Adaptable Hover and left them there a week, until I got another hover ready, and my loss was only two chicks. I keep the little chicks in the brooder six weeks, running 45 to 55 to each hover. I had two hatches come off in February, one in March and two in April, but thanks to your Adaptable Hovers my losses were few, while the chicks did fine early and late and grew rapidly. Am planning to use at least three dozen of these hovers next season and hope to raise about 2,500 chickens. Shall use nothing but Cyphers Incubators and Hovers, because experience has proved to me the good work they will do.

TONY W. SMITH.

HOVER IS TRULY "ADAPTABLE"

THIS brooding device is called "adaptable" because of the many practical ways in which it can be used by poultry raisers. On the first page of this circular we have described in detail how it can be used with excellent results at low cost in a home-made brooder case, consisting of a goods box or a piano or organ box.

As before stated, this self-regulating, self-ventilating, all-metal fireproof and insurable brooding hover is used in the full line of Cyphers Indoor and Outdoor Brooders—see pages 51-69 of our "Poultry Growers' Guide for 1914." It is also used with success in one of the long brooding houses on the Cyphers Company's 50-acre poultry farm, Buffalo, N. Y. (see illustration on page 4 of this sheet), and it can be used with good results in other makes of brooders; provided the cases are not less than 3 x 3 feet in floor space and 24 inches high.

One of the best uses to make of this brooding hover is to attach it to a Colony Roosting Coop, such as the Cyphers Roosting Coop—see next page—or to a portable poultry house of any kind—also see next page. The hover section can be disconnected from the heater section in a few seconds of time. Its removal from the interior of the coop or house leaves the wall intact, and also leaves a clear floor space for the growing chicks that now are ready to occupy roost poles. By this plan the chicks are left in the same quarters after they no longer need artificial heat. They are used to these quarters and will do better if they are not moved or disturbed.

The Cyphers Company Adaptable Hover can be used successfully in connection with any ordinary hen house, closed shed or other outbuilding where space can be partitioned or wired off for the chicks. Many of these hovers are in use in vacant rooms of dwellings, also in stables, barns, etc. See pictures on other side of this circular that suggest the variety of uses to which this readily portable, easily handled fireproof hover may be

"I COULD NOT ASK FOR BETTER TREATMENT"

R. F. D., INTERVALE, N. H., May 5, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

Please find enclosed photo of one of the Cyphers 3 x 6 colony coops to which I have attached one of your Self-Regulating Adaptable Hovers. I have three other colony coops like this one with hovers in them and they all work nicely. From my first lot of 50 chicks this season I lost one chick the first night, but have not lost one since then. I keep sand and Cyphers Short-Cut Alfalfa on the floors of these houses and it is surprising how much the chicks will eat of this alfalfa, even though they get out on the ground. I sprinkle Cyphers Chick Grit in the litter, besides keeping some in a hopper with Cyphers Chick-Size Charcoal. My chicks are fed on Cyphers Chick Food from the start. After they are four weeks old I begin giving them Cyphers Scratching Food and they seem crazy for it. I also feed Cyphers High-Protein Meat Scrap and use your separable fountains. I consider the Cyphers products the best on the market. They have always given me good satisfaction and I could not ask for better treatment than I have received from your company.

A. W. HOWE.

"HAVE NOT LOST A CHICK OR PULLET"

5807 Twelfth Ave., BROOKLYN, N. Y., July 31, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

Last November I ordered fifty S. C. White Leghorn eggs from your New York Branch House, set them November 28th, tested out two eggs December 4th, and on January 19th took out forty-seven good strong chicks. These chicks were put under a Cyphers Adaptable Hover in a home-made brooder and fed exclusively on Cyphers Company's foods and I raised them all—in fact have not lost a chick or pullet from sickness this season, and I attribute this to the brooding and to the quality of the goods used. The pullets just mentioned began laying on the 30th day of April at the age of four months and eleven days and they have kept right on ever since. They are certainly fine big pullets. Have had four hatches this season thus far and my lowest was 82 per cent.—all good, strong chicks. I cannot speak too highly of Cyphers Company goods. Your incubators and hovers cannot be excelled and the same is true of your Balanced-Ration Poultry Foods.

W. L. NAYLOR.

"IT WILL PAY ME BEST IN THE END"

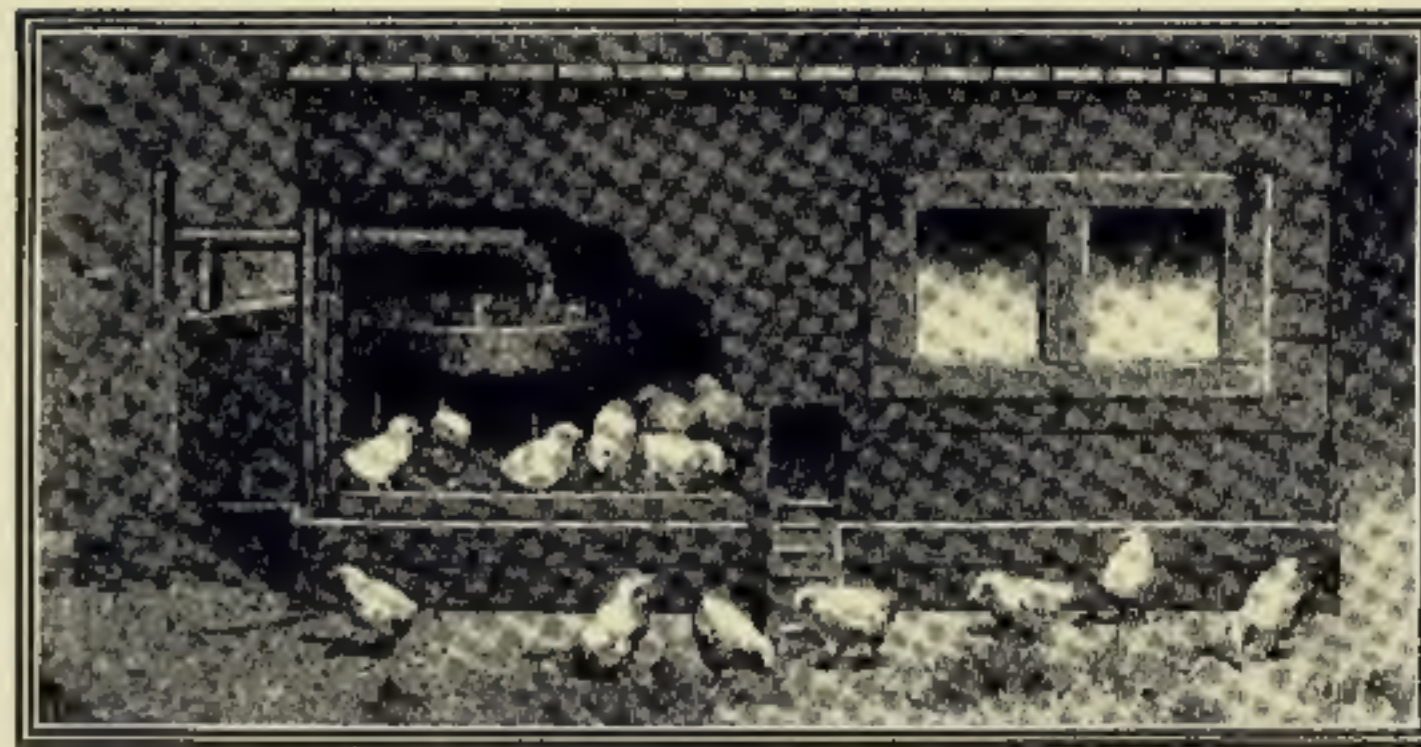
CHARLOTTE, N. C., July 3, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

I used my first Cyphers Incubator this season, a 244-egg machine, getting 187 chicks the first hatch and 201 chicks the second hatch. This was 12 to 15 per cent better hatches than I could get from other well-advertised machines, running side by side with the Cyphers. In 1912 I used several of your Adaptable Hovers with such good success that I added several more the past season. For 1914 I shall add the following Cyphers equipment: Five 244-egg incubators or four 390-egg machines and about thirty-five to forty of your Self-Regulating Adaptable Hovers. Am going to put in these incubators and hovers because I know it will pay me best in the end to do so. I am located on a farm of 54 acres—nice, high, rolling land—and my fowls are doing fine. I believe this year's pullets will come into laying by October 1st, at least two weeks earlier than usual. Am recommending your incubators and brooders to all my neighbors and friends who are interested in better poultry and more of it. I want to see them do well and in order to succeed they must have the right kind of equipment.

PIEDMONT POULTRY FARM,

O. T. Hallman, Proprietor.



TYPE OF HOME-MADE BROODER CASE

This Picture Shows a Practical Construction with Certain Exceptions. Floor of Case is Up Off of the Wet Ground, Away From Rain and Water Pools in Heavy Spring Storms. Window in Exercising Apartment is High Enough to Prevent Chicks Crowding Against the Glass Before Being Let Out of Brooder in Morning or on Cold, Windy Days When It is Advisable to Keep Them Shut Up in the Brooder. Window to Exercising Room is Large Enough, Letting in Plenty of Light. Construction Would be Much Improved if a Window of This Same Size (or at Least One Pane of Glass) Were Located in the Hover Apartment. Should Be on Hinges So It Can Be Opened to Attend the Chicks and Adjust Regulator. Such a Window is Needed Through Which to View the Thermometer and See that the Chicks are Comfortable. Cover of Outdoor Brooder Case SHOULD NOT Be Used as a Lid or Door Through Which to Clean Brooder and Attend to Chicks. Such an Opening Allows Valuable Heat to Escape and Wind and Weather to Enter the Brooder. We Advise Builders of Home-Made Brooder Cases to Pattern Closely After the Type Shown Below.

AFRAID OF "THE CHEAP AND DANGEROUS KIND"

CHICAGO, ILL., August 4, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

We are now using your Incubators, Adaptable Hovers, etc.—and are glad of it. We started last year with a cheaper equipment, both in incubators and brooders, trying several different makes—all of which have been sold or are now for sale. We had splendid success with your equipment right from the start and this winter shall fit out our plant with Cyphers goods all the way through. We make our own brooder cases in which to install your Adaptable Hovers, patterning our cases after your Style B Brooders. We put about 75 chicks in each hover and leave them there six weeks, when they are put in colony houses. We would not again use a type of brooding hover that is not fireproof. No more of the cheap and dangerous kind for us. They are death to the chicks and liable to burn up everything in sight. We are pleased to give our experience, so that other poultrymen will not repeat our mistakes.

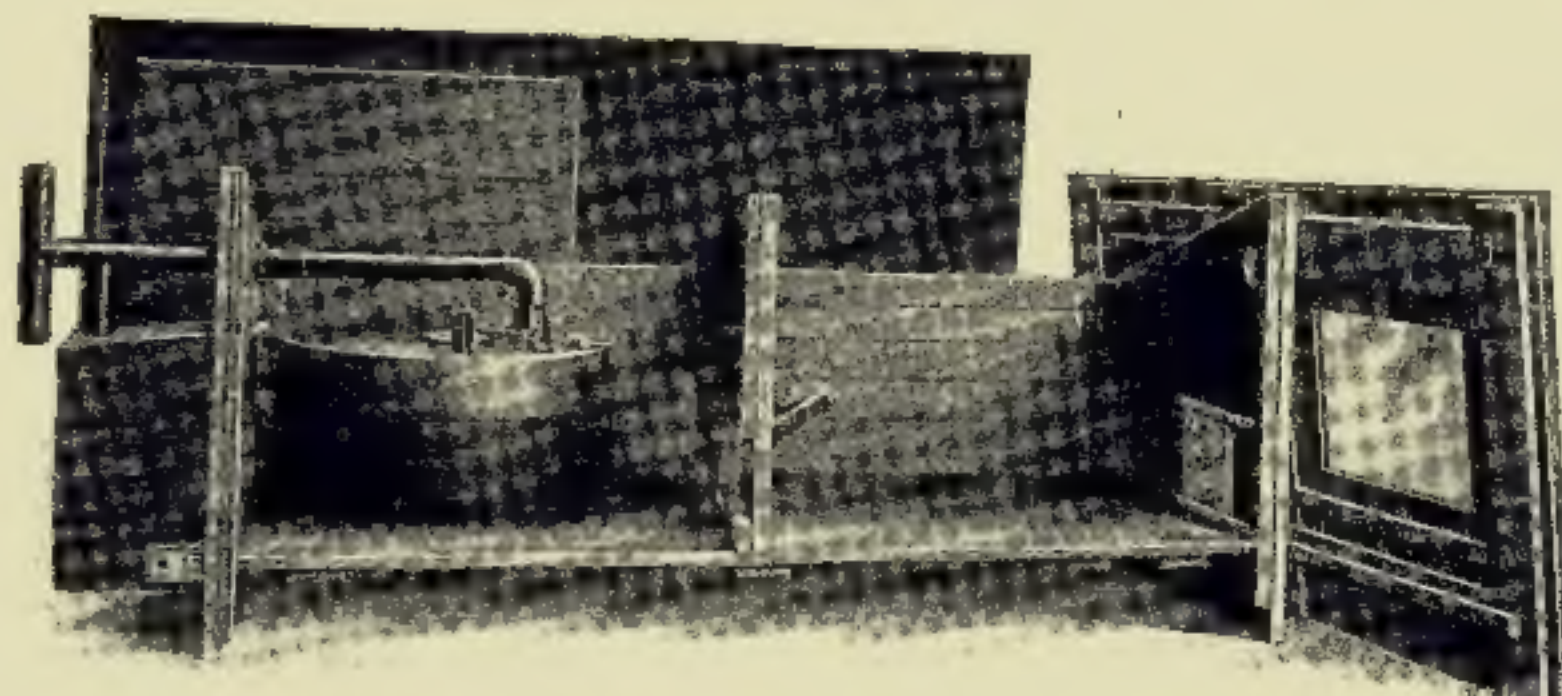
E. M. CASKEY,

7046 Bond Ave.



MOST POPULAR TYPE OF OUTDOOR BROODER

This Illustration Shows the Style B Three-Compartment Cyphers Outdoor Brooder With a Part of the Front Cut Away, Thus Disclosing the Interior Arrangement—Showing the Location of the "Hover Part" of the Cyphers Self-Regulating and Self-Ventilating Adaptable Hover, the Partition Between the Hover Chamber and the Exercising Apartment; Also the Double Doors, the Chick Exit, Etc. This is a Safe and Comfortable "Home" for Baby Chicks and Ducklings in Any Kind of Spring Weather.



BUY IT OR BUILD ONE LIKE IT YOURSELF

Picture Shows Just How Cyphers Popular Style B Outdoor Brooder Case Is Constructed and How the Adaptable Hover Is Attached or Installed. In Our 52-Page Free Booklet, "Best Methods of Brooding" (See Next Page), We Give the Dimensions of This 3 x 6-Foot Case and Frankly Advise Our Customers to Build Their Home-Made Brooders Just Like This One. Provided They Believe They Can Save Money by Doing So. Often It Is a Good Plan to Buy a "Sample," Then Make—or Have Made Locally—As Many More As Are Needed.

"WHEN, WHERE AND HOW TO USE" CYPHERS ADAPTABLE HOVERS

TO BEST ADVANTAGE. THE ONLY FIREPROOF, LABELED AND INSURABLE
BROODING HOVER ON THE WORLD'S MARKETS.

THE RECENT SAMPLE REPORTS from customers, published in this circular, tell when, where and how this "adaptable" type of brooding hover is being used with excellent results; but our free booklet, "Best Methods of Brooding," should be read by **all persons** who earnestly desire to be **uniformly successful** in raising their chicks by artificial means. This booklet, mailed free for the asking to any address, contains 52 pages 7½ x 10 inches in size, is fully illustrated and goes into the whole question **in every detail**, explaining the correct principles of brooding, and instructing the reader "what to do and how to do it," from the moment the brooding device is located in a safe place and "lighted up," until the chicks are ready to be placed out on range or sent to market.

As a general proposition, newly-hatched and tender chicks **should not** be allowed to run out of doors until the ground is in a fit condition to receive and benefit them—until **after** snow and ice are gone, and fresh vegetation begins to "show the green," at least in sheltered locations where the sun reaches and the cold spring winds do not sweep along. **Earlier than this**, your factory-built or home-made brooder box or case, warmly heated and automatically ventilated by a Cyphers Adaptable Hover, can be **kept indoors**, awaiting the day when it will be safe and beneficial to move the entire device outdoors to a dry and sheltered spot. In other words, such a home for the chicks is both an **indoor** and **outdoor** brooder, movable from one place to the other at any time and with no danger from fire **indoors** and no danger from a blowing out of the lamp **outdoors**. There absolutely is no other brooding device in existence that can be used with **equal safety** and satisfaction in this manner.

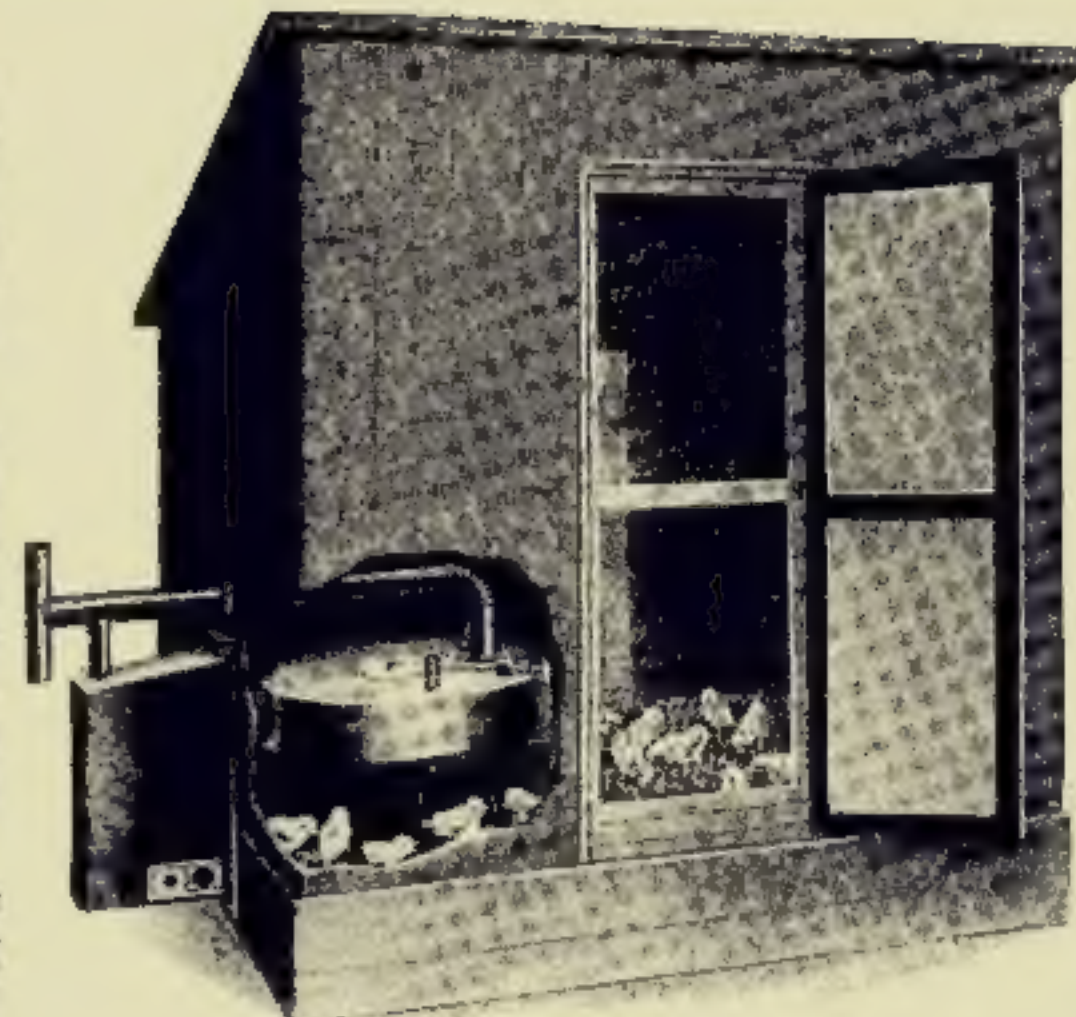
Another general proposition is this: As between using a Portable Hover and an Adaptable Hover, the "adaptable" type should be used in all small-sized enclosures—with goods boxes, piano cases, small roosting coops, home-made brooders, etc., that are **too small** for the operator or caretaker to **step inside** to attend to the chicks and look after the hover itself. In all such enclosures the Cyphers Adaptable Hover is far safer than any other brooding device on the market; **first**, because the lamp flame positively will not blow out or "suck" out, if given proper care; **second**, because all the lamp fumes are discharged **outside** the small enclosure; **third**, because a constant supply of **fresh outdoor air** is constantly being drawn into these small boxes or cases, is warmed moderately and then is carried under the hover dome for the chicks to breathe **day and night**.

In our free booklet, "Best Methods of Brooding," we illustrate the **most practical styles** of outdoor brooder cases known to poultrymen, and suggest to our hover customers **the choice** of building their own cases, or of having this done locally by some carpenter or "handy man." In many instances these customers can do the work themselves. There are two **main points** for them to consider: First, build the case right in shape and size, with enough room to give the chicks proper exercising space and enough fresh air to keep them healthy; second, **be sure** to equip these brooder cases with a **self-regulating, self-ventilating, fireproof hover**—the kind that you can rely on to do the work day and night, no matter what the sudden changes of weather may be.

Such a "brooding hover" is the **Cyphers Adaptable**. This hover has now been on the market five years in its present **perfected form**, and in all that time we have never had one "go wrong" or been asked to take one back and refund the purchase price. The recent reports from customers, published herewith—all dated and signed—are merely "samples," we have received many hundreds of such reports from all parts of the United States and Canada and from various old-world countries. It is the same story everywhere of satisfactory results.

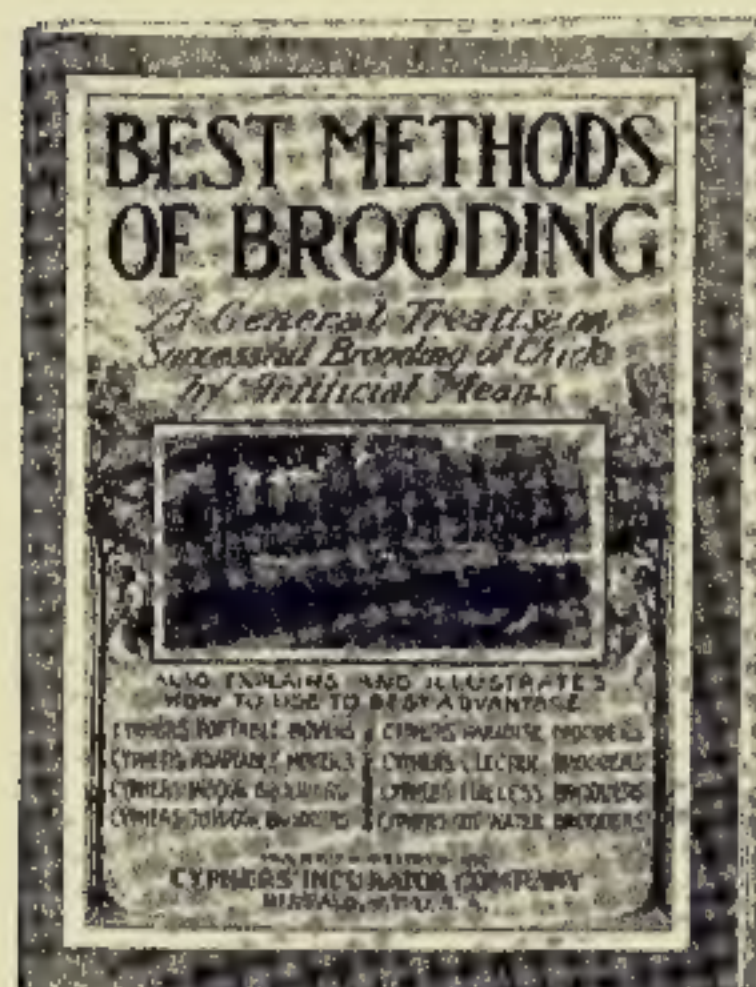
For Indoor Use: Cyphers Adaptable Hovers are also widely popular for use in batteries of six, twelve, twenty-four and upwards in long brooding houses with rear aisles or passage-ways, as illustrated on this page. Also on this page (and throughout our other free printed matter) will be found reports from customers who are using these hovers **in that manner** with highly satisfactory results. In several important respects this is a **better plan** than the use of the hot-water pipe system. When these separate, complete, "individual" brooding devices are installed in a long house, one, two or a dozen of the hovers can be started **at a time**, just as needed, and the others are not lighted up until chicks are at hand to put under them.

In the case of a hot-water pipe system, the boiler or heater has to be started up and kept going, even though you have only fifty or one hundred chicks ready for brooding. This and all similar questions are treated **at length** in the free, 52-page booklet, "Best Methods of Brooding." If you, Reader, have not received a copy of this valuable booklet, please send for one today, addressing our place of business nearest you.



USED IN SMALL-SIZED OR "PORTABLE" POULTRY HOUSE

Size of House Should Be 5 x 5, 5 x 6 or 6 x 6 ft. Height in Front, 7 Feet (For Head Room), and Either 5 or 4 Feet at Rear—5 Preferred. Use Two Frames to Door—One Covered with Muslin, the Other with 1-Inch or 2-Inch-Mesh Poultry Netting. No Glass Advised. House Like This, Equipped with Cyphers Adaptable Hover, Makes Ideal Place in Which to Raise Chicks by Deep-Litter Method. Circular Hover and Waste-Heat and Fume Pipe Can Be Removed on Moment's Notice, Leaving Wall Intact. Chicks Can Be Left in This House Until Marketed, or Until It Is Time to Separate the Sexes.



GET YOUR COPY!

If You Haven't Already Done So, Write Today for Your **FREE COPY** of This 52-Page Booklet. Will be Sent Postpaid to Any Address, on Request. A Better or More Complete Treatise on This Important Subject Has Never Been Published at Any Price. Yet It Is Free in Your Hands, Simply for the Asking.

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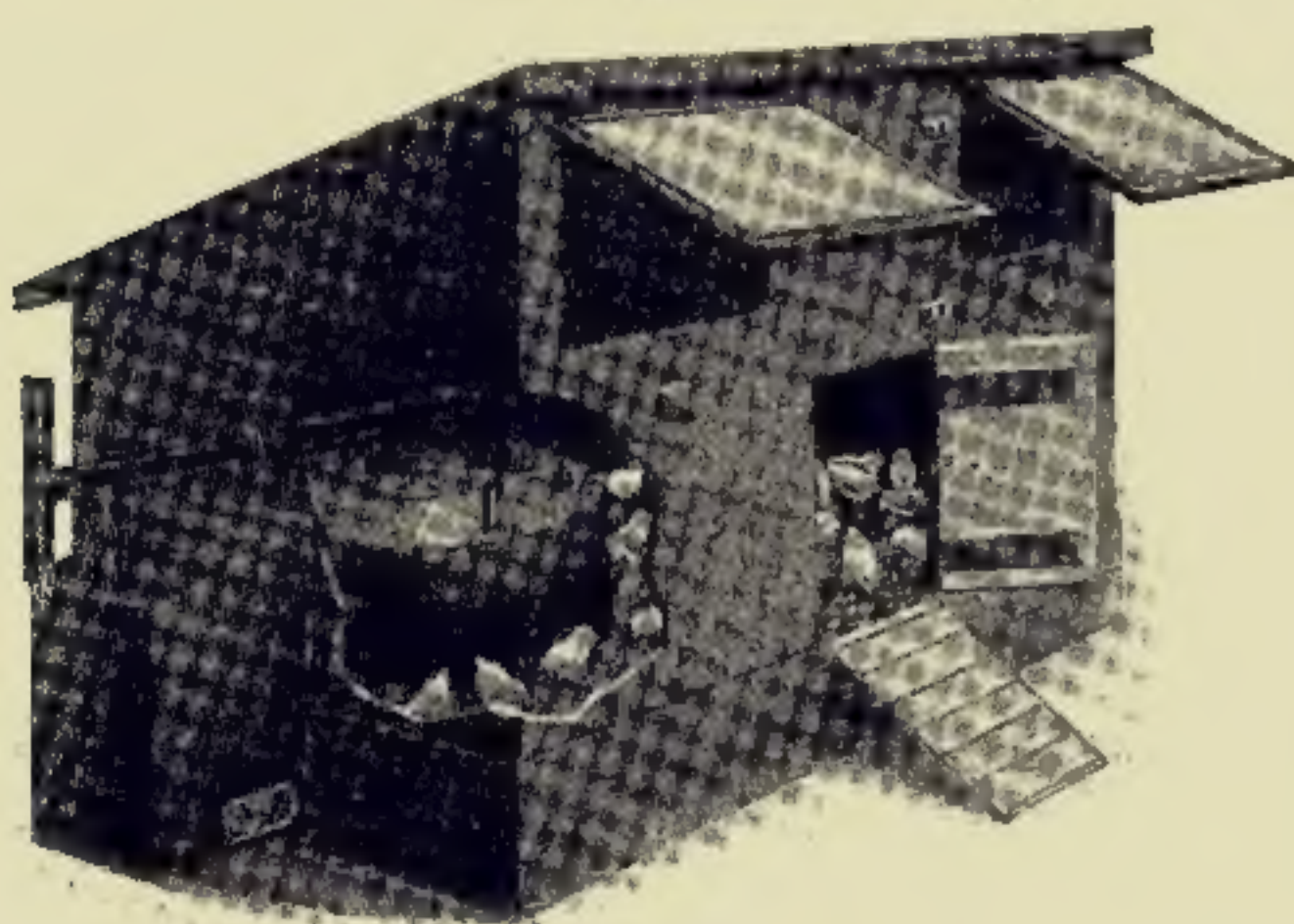
A USER OF CYPHERS PRODUCTS FOR OVER TEN YEARS

R. F. D. 3, NASHUA, N. H., August 9, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

It is with pleasure that I write to tell you what I think of your Cyphers Incubators and Brooders, **equipped with the Self-Regulating Adaptable Hovers**. At present I have only one incubator and it is an old one at that, but I would not trade it for any other machine I know of, unless it was a brand new Cyphers. This year I ran it twice and **each time got better than an 80 per cent. hatch**. Out of my first hatch two chicks died and the rest went into Cyphers Brooders and **I raised every one to maturity**. My Cyphers-hatched chicks are better than non-hatched chicks—and they live better. No more hen-hatched chicks for me! This fall I shall get a 244-egg incubator from you. I had great success with my Cyphers Brooders because they are so well lighted and are self-ventilated. Another important point is that they give the chicks plenty of sunlight. I have been a user of Cyphers Company products for over ten years and **always have been well by you**. I wish to thank you for the free bulletins you sent me, also your personal-letter service department, which has been so prompt to answer inquiries. I think you are doing a noble work.

MRS. J. VIGNOLA.



USED IN COLONY ROOSTING COOP

Size of Coop, 3 x 6 Feet. Height in Front, 36 Inches; at Rear, 24 Inches. Window Screens Are Covered with Muslin to Keep Out Rain—No Glass Required or Advised. Full-Height Door in Middle Front Is Cut in Two, So That Lower and Upper Halves Can Be Used Separately If Desired. Makes a Capital Place in Which to Raise Chicks by Deep-Litter Plan, Separating the Sexes at Ten to Fourteen Weeks of Age and Leaving Pullets in Roosting Coop Until Necessary to Move Them Into Winter Quarters.

"THIS IS NO FAIRY STORY, BUT STRAIGHT FACTS"

GRAFTON, N. Y., March 6, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

Last season I tried one of your Adaptable Hovers. I put 78 chicks in a brooder equipped with this hover May 6th, and **raised 75 of them to maturity**. The next hatch came off May 30th, and I put 48 chicks in my Adaptable Hover. Of these I raised 45. My last lot of chicks hatched three weeks later. **I gave these to hens**. Out of a lot of 60 chicks, 20 were lost, 9 being taken by hawks. This is no fairy story, but straight facts, and speaks well for your Adaptable Brooding device, because previous to last spring **I had not had any experience** in raising chickens, either with hens or by artificial means.

CLARENCE J. CHURCH.

"WE ARE USING TWELVE OF YOUR ADAPTABLE HOVERS"

ADRIAN, Mo., May 26, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

At present we are using twelve of your Adaptable Hovers and have been **meeting with excellent success**. We believe they have no equal, especially as regards their self-regulating and self-ventilating features. Our chicks **grow like weeds** when entrusted to these hovers and we expect to send an order for **eight more** in a few days.

BROWNING BROS.

"AS MANY AS 200 CHICKS IN ONE HOVER"

ORRICK, Mo., January 30, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

We use your Adaptable Hovers for brooding and have **found nothing else to equal them**. You recommend 50 to 75 chicks in this hover, yet on a number of occasions we have brooded **as many as 200 chicks in one hover**. In doing this we kept the temperature some five to ten degrees warmer than you recommend. This causes the chicks to get out around the edges of the hover and **thus accommodates more of them**. We have had the best of results in using the hover this way. Probably it would not be a safe method early in the season during really cold weather, but it **works all right as the season advances** and the chicks need only a moderate amount of artificial heat.

THOMAS COCHRAN.

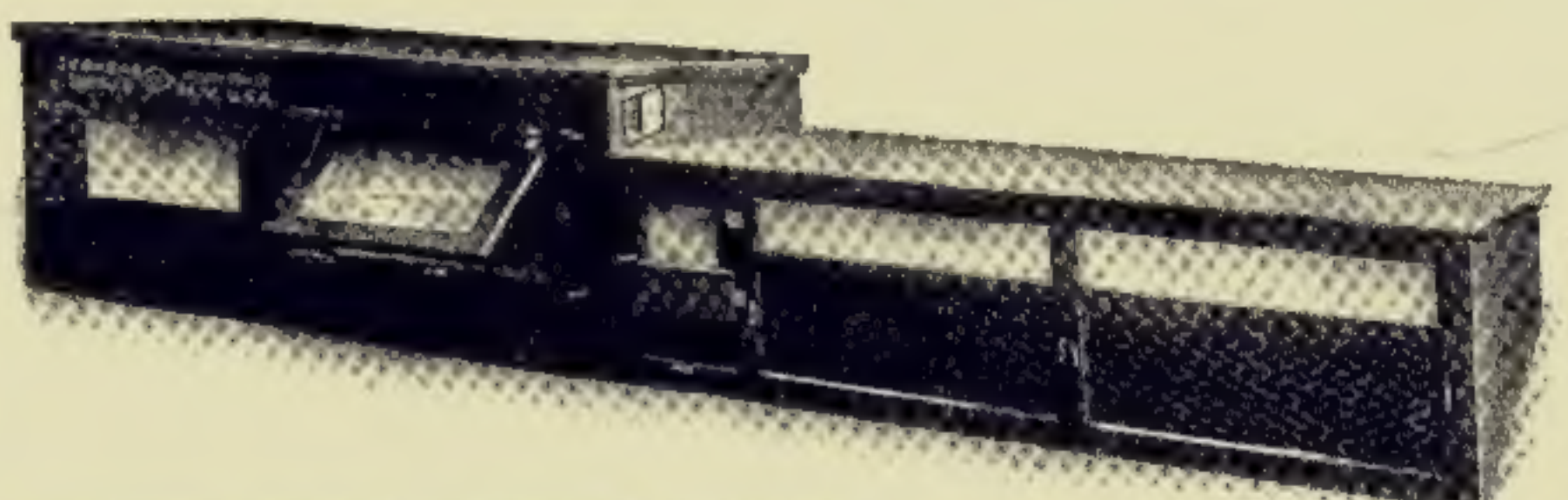
"THEY ARE NEARLY FULL-GROWN NOW"

GLENDON, Mo., May 14, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

I am glad to say that the Adaptable Hover I bought of you has given the best of satisfaction. **Previous to this year** my choice of incubators and brooders **has been the hen**, but this season I purchased a hundred day-old chicks (hatched in a Cyphers machine), **fifty of which I gave to hens** and the remaining fifty I placed under my Adaptable Hover. They are nearly full-grown now and all have done nicely, but the brooder chicks show the best development and **really are the best chicks**. I shall want some more hovers next season. Personal experience has taught me their value, **also their convenience**, as compared with the hen method.

ROY PLAISTED.



CYPHERS STYLE H OUTDOOR BROODER, IN USE WITH CYPHERS 6 x 3-FOOT CHICK SHELTER

Here is a Combination That Cannot Be Excelled for Raising Chicks in Health and Safety—a Method By Which the Chicks Are Under Complete Control and Entirely Safe from Rain, Chilling Winds, Wet Grass, Cats, Rats, Etc. See "Best Methods of Brooding," for Various Styles of Home-Made Chick Runs or "Shelters."

"RAN EIGHTEEN ADAPTABLE HOVERS"

SEWELL, N. J., July 21, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

This past season I ran eighteen Adaptable Hovers, and when zero weather was with us my chicks in 6 x 10 colony coops did fine, **the death rate being very small**. I used three hovers in each house upon a six-inch raised platform (six inches above the floor) and three feet wide. By this method we produced **hundreds of fine chicks** and the pullets are now laying. Some are only four months old, but they lay early when raised right. I have found that chicks hatched in your Standard lamp-heated incubators **live much better** than do those hatched in another make of machine we are operating. Experience has proved to us that the Standard Cyphers lamp-heated machines give us the best hatches and that the chicks **live better, grow faster and are worth more**.

BELL'S LAKE POULTRY FARM, Geo. A. Libhart, Supt.

"THEY AVERAGED NEARLY TWO POUNDS EACH"

R. F. D. No. 23, GRINDSTONE, Pa., June 26, 1913.

Cyphers Incubator Company, Buffalo, N. Y.—

The No. 1 Incubator and the two Adaptable Hovers bought of you this past spring **have given me satisfactory service**. The incubator hatched nearly every fertile egg put into it and the **chicks are strong and vigorous**. Your Self-Regulating, Self-Ventilating Adaptable Hovers are **the best in their line**. I brooded every chick of my first hatch in your hovers and at twelve weeks old **they averaged nearly two pounds each**, which I think is good for a beginner. This was my first experience with artificial incubating and brooding. Have made a success of it and propose to enlarge my plant. I recommend Cyphers Company goods—**also your treatment of customers**—to anyone who is in the market for reliable poultry supplies and a square deal. You may put me down as "a satisfied customer."

W. T. SCOTT.



INDIVIDUAL BROODING IN BROODER HOUSE

View (From Photograph) of Fireproof Heaters and Standard Adaptable Hovers in Use in Brooder House on Cyphers Company Poultry Farm, Buffalo, N. Y. Many of Our Customers Have Adopted This Plan of "Wholesale" Brooding, With Great Success. By Use of This System, One Brooding Device, or Two, or a Dozen, Can Be Started When Needed, Thus Avoiding Waste of Fuel.

\$8.50

PRICE OF CYPHERS COMPANY'S ADAPTABLE HOVER

THIS IS THE PRICE of the Cyphers Company All-Metal, Self-Regulating, Self-Ventilating ADAPTABLE HOVER, everything complete, f. o. b. Buffalo, Boston, New York City, Chicago and Kansas City. Price, f. o. b. Oakland, Cal., \$9.50. Each hover, safely boxed for shipment, weighs 40 lbs., and can be shipped by express to many points at a low rate. This is especially true since the **BIG REDUCTION** in express rates, which became effective February 1, 1914.

WITH EACH HOVER at price named we furnish the zinc and steel thermostat and a complete regulating device, the same as is used on Standard Cyphers Incubators, a tested, wood-mounted brooder thermometer, and a seamless-bottom lamp equipped with exactly the same style and grade of burner and guide ring we supply with our Standard Incubators. In other words, everything connected with this popular-priced BROODING HOVER is strictly first class, and we warrant it to last **TEN YEARS** and give good satisfaction, with reasonable care and precaution. **TRY ONE OF THESE HOVERS** and you will be convinced that it is the safest and most satisfactory brooding device for little chicks ever invented and placed on sale.

Seven Places of Business The fact that we have seven places of business (six in the United States) from which these hovers can be purchased, means an **IMPORTANT SAVING** IN TIME AND TRANSPORTATION CHARGES to our valued customers. In your own best interests **BE SURE** to send orders to our branch house **NEAREST TO THE RAILROAD STATION** to which you wish to have all shipments made.

CYPHERS INCUBATOR COMPANY

Factory and Home Offices: BUFFALO, N. Y.

Branch Stores and Warehouses:	NEW YORK, N. Y. 41 Barclay St.	BOSTON, MASS. 12-14 Canal St.	CHICAGO, ILL. 329-331 Plymouth Court	KANSAS CITY, MO. 317-319 Southwest Boulevard	OAKLAND, CAL. 2127 Broadway	LONDON, ENG. 121-123 Finsbury Pave.
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